

# **EXHIBIT A**

# As Played in Court 05/10/23

## Designation List Report



**Shekel, Tomer**

**2022-11-22**

Sonos Affirmatives	00:06:25
Google Counters	00:03:54
<b>TOTAL RUN TIME</b>	<b>00:10:19</b>



Documents linked to video:  
T125

## Shekel\_T - As Played in Court 05/10/23

DESIGNATION	SOURCE	DURATION	ID
7:11 - 7:14	<b>Shekel, Tomer 2022-11-22</b>	00:00:15	Shekel_T.1
7:11	Q. Hi, Mr. Shekel. Can you please state and		
7:12	spell your name for the record, please.		
7:13	A. My name is Tomer Shekel. T-O-M-E-R,		
7:14	S-H-E-K-E-L.		
14:02 - 14:06	<b>Shekel, Tomer 2022-11-22</b>	00:00:26	Shekel_T.2
14:02	Q. And when did you start working at Google?		
14:03	A. I started working on October 2013.		
14:04	Q. And what was your title when you started		
14:05	working at Google?		
14:06	A. I was a product manager.		
14:07 - 14:13	<b>Shekel, Tomer 2022-11-22</b>	00:00:38	Shekel_T.3
14:07	Q. And how long did you hold that title?		
14:08	A. Well, I -- I -- I'm still a product manager		
14:09	in Google, so I'm still in the same type of work.		
14:10	There's internal levels or -- kind of within it, like,		
14:11	a product manager, senior product manager, and so		
14:12	forth. And that aspect of the title, it changed, but		
14:13	I'm still working as a product manager within Google.		
16:08 - 16:12	<b>Shekel, Tomer 2022-11-22</b>	00:00:27	Shekel_T.4
16:08	Q. Which products did you work on during your		
16:09	time as a product manager of that team?		
16:10	A. One of the projects was Cast Audio.		
16:11	Q. What other products?		
16:12	A. Another project was Chromecast Audio.		
16:18 - 16:22	<b>Shekel, Tomer 2022-11-22</b>	00:00:20	Shekel_T.5
16:18	Q. Any others?		
16:19	A. I was involved in the Google Home product.		
16:20	Q. Any others?		
16:21	A. I was involved in the multi-room speaker		
16:22	playback.		
17:01 - 17:02	<b>Shekel, Tomer 2022-11-22</b>	00:00:08	Shekel_T.19
17:01	A. I was involved in Media Focus and Voice		
17:02	Sessions product or feature.		
17:16 - 17:21	<b>Shekel, Tomer 2022-11-22</b>	00:00:28	Shekel_T.20
17:16	Q. Did you work on any other products when you		
17:17	were a product manager of that team?		
17:18	A. Given, you know, my years there, and I was		

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	17:19 basically a veteran, meaning for multiple years, it 17:20 might be. It could have been that I worked with 17:21 others, but I don't recall them right now.		
29:12 - 29:24	<b>Shekel, Tomer 2022-11-22</b>	00:01:12	Shekel_T.21
	29:12 Q. What is the difference between Cast for Audio 29:13 and Chromecast Audio? 29:14 A. Cast for Audio is a program that is meant to 29:15 bring the Google Cast technology -- that is the 29:16 technology that Chromecast, for example, is using -- 29:17 to OEM devices, you know, speakers by third-party 29:18 speaker manufacturers. 29:19 Chromecast Audio is how the device we 29:20 developed within Google that also has -- it's not a 29:21 speaker. It's a device that connects into speakers, 29:22 and also the -- use the same technology of Cast. 29:23 There are other differences as well, but this 29:24 is conceptually a high-level difference.		
42:02 - 42:03	<b>Shekel, Tomer 2022-11-22</b>	00:00:05	Shekel_T.24
	42:02 Q. And what was your first interaction with 42:03 Sonos as a company?		
42:04 - 42:08	<b>Shekel, Tomer 2022-11-22</b>	00:00:25	Shekel_T.27
	42:04 A. I don't know if it was the first. I don't 42:05 remember if it was the first. But one early 42:06 interaction, at last, was prior to us meeting with 42:07 them in the context of Cast for Audio. 42:08 Q. Do you recall when that was?		
42:09 - 42:09	<b>Shekel, Tomer 2022-11-22</b>	00:00:05	Shekel_T.29
	42:09 A. I -- I -- I think it was 2014.		
77:20 - 77:22	<b>Shekel, Tomer 2022-11-22</b>	00:00:20	Shekel_T.28
	77:20 A. Yeah, it looks -- it looks -- it looks 77:21 similar. I -- I'd -- I'd say it looks similar to 77:22 maybe the presentation we presented to Sonos.		
78:07 - 78:22	<b>Shekel, Tomer 2022-11-22</b>	00:00:52	Shekel_T.25
 T125.17	78:07 Q. Can you turn to page 17 of this presentation, 78:08 please. 78:09 A. The -- the one named: 78:10 "Multi Zone Groups - C4A Device<->Group 78:11 relationship." 78:12 Q. The page before.		

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DESIGNATION	SOURCE	DURATION	ID
	78:13 A. "Multi-Zone Groups."		
	78:14 Q. Yes.		
	78:15 A. Yes, I see the slide.		
	78:16 Q. What was meant by the term "multi-zone		
	78:17 groups"?		
	78:18 A. I was referring in multi-zone group to being		
	78:19 able to play music at the same time synchronously		
	78:20 across multiple zones or rooms. And there's a group		
	78:21 of speakers, so it's a Yukon speaker. So that will		
 Clear	78:22 actually, you know, support this functionality.		
91:05 - 91:10	<b>Shekel, Tomer 2022-11-22</b>	00:00:24	Shekel_T.10
	91:05 MR. GROSBY: Q. And when did Google develop		
	91:06 its own first-party multi-zone technology?		
	91:07 A. During 2015.		
	91:08 Q. So that was after -- that was after you		
	91:09 looked at other speaker manufacturers' implementations		
	91:10 of multi-zone technology; right?		
91:12 - 91:21	<b>Shekel, Tomer 2022-11-22</b>	00:00:30	Shekel_T.11
	91:12 THE WITNESS: So I wouldn't say that I looked		
	91:13 at the implementation, but I used -- maybe I -- I		
	91:14 tried using multi-zone by few of the other		
	91:15 manufacturers.		
	91:16 So chronologically, at least for some of the		
	91:17 manufacturers, it happened before that we -- before we		
	91:18 launched it -- before we launched our own multi-room		
	91:19 solution.		
	91:20 MR. GROSBY: Q. And one of those was Sonos;		
	91:21 correct?		
91:23 - 92:02	<b>Shekel, Tomer 2022-11-22</b>	00:00:17	Shekel_T.12
	91:23 THE WITNESS: We looked at Sonos and other		
	91:24 manufacturers' multi-room solution as part of our work		
	91:25 in Cast Audio, and that -- some of those looks or		
	92:01 trying those out happened before we launched our		
	92:02 multi-room solution.		
98:13 - 98:20	<b>Shekel, Tomer 2022-11-22</b>	00:00:19	Shekel_T.22
	98:13 Q. Could a user create a group of speakers while		
	98:14 music is playing on those speakers?		
	98:15 MR. JUDAH: You're talking about the Cast for		
	98:16 Audio time period?		

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DESIGNATION	SOURCE	DURATION	ID
	98:17 MR. GROSBY: Yes. Same time period as this		
	98:18 conversation we've been having.		
	98:19 THE WITNESS: So can you repeat that again,		
	98:20 the question.		
98:21 - 98:22	<b>Shekel, Tomer 2022-11-22</b>	00:00:05	Shekel_T.13
	98:21 MR. GROSBY: Q. Could a user create a group		
	98:22 of speakers while music was playing on those speakers?		
98:24 - 99:11	<b>Shekel, Tomer 2022-11-22</b>	00:00:37	Shekel_T.14
	98:24 THE WITNESS: For just creating the group,		
	98:25 I'm assuming -- really, in fact, spec-wise, like, what		
	99:01 I defined, yes, you could create the group.		
	99:02 Regardless of the speaker playback status, you just		
	99:03 create a group. So they're now a part of another		
	99:04 group. But it does not matter, you know, if they are		
	99:05 playing right now or not in that group or any other		
	99:06 group, you know. But anyway, probably are not playing		
	99:07 that group, because he just created it. So regardless		
	99:08 of the playback status, you can create a group.		
	99:09 MR. GROSBY: Q. Would you say it's an		
	99:10 important feature for the music playback to not be		
	99:11 disturbed while you set up new groups?		
99:13 - 99:16	<b>Shekel, Tomer 2022-11-22</b>	00:00:10	Shekel_T.15
	99:13 THE WITNESS: In my opinion, if by setting a		
	99:14 group, you'll now be stopping the music a person		
	99:15 played, that would not be a great experience for that		
	99:16 user.		
109:11 - 109:13	<b>Shekel, Tomer 2022-11-22</b>	00:00:12	Shekel_T.16
 T125.18.1	109:11 Q. Okay. So turning back to slide 18 of		
	109:12 Exhibit 1255, would it be a poor user experience to		
	109:13 limit speakers to just one group?		
109:15 - 109:22	<b>Shekel, Tomer 2022-11-22</b>	00:00:21	Shekel_T.17
	109:15 THE WITNESS: In -- in our -- in our		
	109:16 approach, in the Google Cast approach, if we were to		
	109:17 have only option that every speaker can only be part		
	109:18 of one group, I -- I would think it's a -- it's a poor		
	109:19 user experience, yes.		
	109:20 MR. GROSBY: Q. Would it be a poor user		
	109:21 experience to kick speakers out of a prior group if		
	109:22 they're added to a new group?		

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DESIGNATION	SOURCE	DURATION	ID
109:24 - 110:05	<b>Shekel, Tomer 2022-11-22</b>	00:00:23	Shekel_T.18
	109:24 THE WITNESS: I feel -- or my opinion at that		
	109:25 time was that that would not be a good experience for		
	110:01 how Google Cast works, for the reasons I highlighted		
	110:02 before when you asked me about the benefits and why we		
	110:03 chose this one. So yes, that would not be a good		
 Clear	110:04 experience, or it will be poor, maybe more		
	110:05 specifically.		
139:09 - 139:11	<b>Shekel, Tomer 2022-11-22</b>	00:00:09	Shekel_T.38
	139:09 Q. Did Google require users to download the		
	139:10 Google Home app onto users' smartphone devices in		
	139:11 order to set up and use Google speaker devices?		
139:15 - 139:20	<b>Shekel, Tomer 2022-11-22</b>	00:00:27	Shekel_T.39
	139:15 THE WITNESS: I don't know current status.		
	139:16 When I was working on the team, I'd say the Chromecast		
	139:17 or Chromecast audio as to Google devices, if it was a		
	139:18 Google -- if it's those two devices, you know, to set		
	139:19 it up, someone -- the person that wants to set it up		
	139:20 would need the Google Home app, you know.		
140:03 - 140:04	<b>Shekel, Tomer 2022-11-22</b>	00:00:05	Shekel_T.40
	140:03 MR. GROSBY: Q. In order to create speaker		
	140:04 groups, is the Google Home app required?		
140:07 - 140:15	<b>Shekel, Tomer 2022-11-22</b>	00:00:39	Shekel_T.41
	140:07 THE WITNESS: I don't know how it is today.		
	140:08 But when I was working on groups, if I want to say		
	140:09 Google Cast group or Cast technology group, I'm not		
	140:10 talking about any OEM groups that we discussed before,		
	140:11 you needed to have the Google Home app or the		
	140:12 Chromecast app or -- I don't remember the names as it		
	140:13 changed. You need to have an app that was used to set		
	140:14 up the -- the groups at that time when we launched		
	140:15 multi-room.		

Sonos Affirmatives	00:06:25
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Google Counters	00:03:54
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<b>TOTAL RUN TIME</b>	<b>00:10:19</b>
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T125